



**INDIANA FINANCE AUTHORITY
DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM
PROJECT SCORING AND RANKING WORKSHEET**

Project Name: _____

SRF Project Number: _____

PWSID#: _____

SRF Worksheet Reviewer: _____

Date: _____

Attachment:

A) SRF Sustainable Design Incentive Checklist

DWSRF Project Scoring and Ranking Worksheet

INSTRUCTIONS:

Projects are scored using the following criteria in order to be ranked according to their priority on the Drinking Water State Revolving Fund (DWSRF) Loan Program Project Priority List (PPL). To the extent practical, the DWSRF Loan Program expects to give priority to projects that:

1. Address the most serious risk to human health;
2. Are necessary to ensure compliance with the Safe Drinking Water Act (SDWA); and
3. Assist systems most in financial need on a per household basis according to state affordability criteria.

Points are assigned to proposed projects that intend to correct deficiencies. For example, if the public water system has persistent violations of a Maximum Contaminant Level (MCL) but the proposed project does not address that problem, the points associated with persistent violations of a MCL will not be assigned. However, if the Participant does not have persistent MCL violations, but the project will address another public water system's persistent MCL violations, such as through consolidation, the points associated with the persistent MCL violations will be assigned.

The total number of available points is 100. If projects score equally, the project with the highest initial total first in Section 1, then Section 2, and finally Section 3 will prevail. If a tie persists, then the project that serves the smallest population will prevail.

A project must submit a complete Preliminary Engineering Report (PER) to the DWSRF Loan Program in order to be scored and ranked on the PPL.

Section 1: Acute Public Health / SDWA Compliance (upper limit 55 points)

Instructions: Assign points to projects that address acute public health concerns occurring within the last three years. The upper limit for points in this section is 55. Acute public health concerns affect an individual in the immediate short-term.

Criteria to be corrected by project	Points for this criteria	Points for the project
1. Administrative Order, Agreed Order, or the Indiana Department of Environmental Management (IDEM) declares a waterborne emergency at existing water works for acute public health concerns	50 points	
2. Surface Water Treatment Rule violation, (including Backwash Filter Rule) i.e., inadequately treated surface water or groundwater under the influence of surface water	50 points	
3. Persistent Total Coliform Rule (TCR) or Nitrate violations	50 points	
4. Inadequate individual home water supplies documented by the local or state health department to show health hazards, such as exceeding the Drinking Water Maximum Contaminant Levels	50 points	
5. Consolidation of a non-complying public water system (acute public health concerns)	50 points	
6. Condition determined to be an acute public health concern by IDEM or the Indiana State Department of Health (ISDH)	50 points	
7. Compliance maintained in anticipation of a new regulation relating to acute public health	45 points	
Initial total is:		

The upper limit for points in Section 1: Acute Public Health / SDWA Compliance is 55.

The final score for Section 1 is: _____

Section 2: Chronic Public Health / SDWA Compliance (upper limit 25 points)

Instructions: Assign points to projects that address chronic public health concerns occurring within the last three years. The upper limit for points in this section is 25 points. Chronic public health concerns affect an individual over a lifetime.

Criteria to be corrected by project	Points for this Criteria	Points for the project
1. Administrative Order or Agreed Order for chronic public health concerns	20 points	
2. Persistent MCL violations (Volatile Organic Compounds, Synthetic Organic Compounds, Inorganic Compounds, Radionuclides or Disinfection Byproducts Rule)	20 points	
3. Lead and Copper Action Level violations	20 points	
4. Significant noncompliance (SNC) as determined by IDEM	20 points	
5. Consolidation of a non-complying public water system (chronic public health concerns)	20 points	
6. Condition determined to be a chronic public health concern by IDEM or ISDH	20 points	
7. Compliance maintained in anticipation of a new regulation relating to chronic public health	15 points	
Initial total is:		

The upper limit for points in Section 2: Chronic Public Health / SDWA Compliance is 25.

The final score for Section 2 is: _____

Section 3: Public Health / Water Works Regulations Compliance (upper limit 10 points)

Instructions: Assign points to projects for infrastructure improvements that will bring the existing public water systems into compliance with IDEM and/or water works regulations, such as Recommended Standards For Water Works 2003 Edition (A Report of the Water Supply Committee of the Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers). The upper limit for points in this section is 10 points.

Criteria to be corrected by project	Points for this Criteria	Points for the project
1. Resolve an IDEM connection ban, early warning notice or a non-SDWA violation	10 points	
2. Resolve inadequate pressure in water works	10 points	
3. Resolve conditions of inadequate quantity of a water supply, including individual home wells	7 points	
4. Ensure that drinking water receives appropriate treatment to meet secondary standards	7 points	
5. Ensure storage capacity in the water works is adequate	7 points	
6. Reduce leakage and increase accountability	5 points	
7. Ensure adequate flow in distribution system	5 points	
8. Prevent conditions favoring the entrance of contaminants into the distribution system	3 points	
9. Install eligible security measures (alternate intake, fencing, lighting, cameras, motion detectors, secure chemical and fuel storage, security hatches, and access panels)	3 points	
Initial total is:		

The upper limit for points in Section 3: Public Health / Water Works Regulations Compliance is 10.

The final score for Section 3 is: _____

Section 4: Affordability and Population (upper limit 6 points)

Instructions: Affordability points are assigned to assist community water systems most in need on a per household basis. Therefore, non-community systems are not eligible to receive affordability points. The upper limit for points in this section is 6 points. Sources for median household income and population data include the most recent U.S. Census and the IDEM Safe Drinking Water Information System (SDWIS). The post project annual water bill is based on an average monthly water bill (based on 4,000 gallons) x 12 months and rounded to one decimal place.

Criteria to be corrected by project	Points for this Criteria	Points for the project
<u>A. Affordability: post-project annual water bill as a percentage of median household income</u>		
<i>Community water systems only.</i>		
Greater than or equal to 1.5 %	5 points	
1.0 – 1.4 %	4 points	
Less than or equal to 0.9 %	1 point	
<u>B. Population served by the project</u>		
<i>Community and non-community water systems</i>		
Less than or equal to 10,000	1 point	
Greater than or equal to 10,001	0 points	
Initial total is:		

The upper limit for points in Section 4: Affordability and Population is 6.

The final score for Section 4 is: _____

Section 5: Bonus (upper limit 4 points)

Instructions: Bonus points encourage community water systems to perform planning and proper operation and maintenance. Non-community water systems are not eligible for bonus points. The upper limit for points in this section is 4 points.

Criteria to be corrected by project	Points for this Criteria	Points for the project
A. Other Funds Available		
Points are assigned to encourage community water systems to have other funds (cash on hand, grants or other loans) in addition to the construction loan from the DWSRF Loan Program. The percentage is calculated by dividing the other funds by the total project cost and rounding to a whole number. Assign points based on whether the system has the committed funds (Awarded) or is still in process of applying for other funds (Applying).		
Less than or equal to 10 %	0 points	
11-50 % (Awarded: 2 points / Applying: 1 points)	1-2 points	
Greater than or equal to 50% (Awarded: 3 points / Applying: 2 points)	2-3 points	
B. Capacity Development / Sustainability		
1. Completes a self-assessment survey to assess the technical, managerial and financial capability of the utility, such as CUPSS (Check Up System for Small Systems), but does not have to be IDEM specific	1 point	
2. Attends training for Utility Board Drinking Water Administrators	1 point	
3. Consolidation of a SDWA compliant public water system or interconnection	1 point	
4. Zero SDWA violations in last 12 months	1 point	
5. Project includes Wellhead Protection Plan Implementation measures	1 point	
6. Member of InWARN Network	1 point	
7. Recognized with a Hoosier Water Guardian Award	1 point	
8. >95% customers metered	1 point	
9. Unaccounted for water <15%	1 point	
10. Public Water System utilizes a Water Conservation Ordinance	1 point	
11. Project includes the remediation/redevelopment of a brownfield (IC 13-11-2-19.3) in conjunction with the Indiana Finance Authority Brownfields Program	1 point	
12. Project incorporates sustainable elements, as recognized by Attachment A: The SRF Sustainable Infrastructure Checklist (NOTE: these points are pending approval, and will not be assigned until approved by the Indiana Finance Authority Board.)	1-4 points	
Initial total is:		

The upper limit for points in Section 5: Bonus is 4. The final score for Section 5 is: _____

DWSRF Project Scoring and Ranking Table	
Section 1: Acute Public Health / SDWA Compliance (upper limit 55 points)	
Section 2: Chronic Public Health / SDWA Compliance (upper limit 25 points)	
Section 3: Public Health / Water Works Regulations Compliance (upper limit 10 points)	
Section 4: Affordability and Population (upper limit 6 points)	
Section 5: Bonus (upper limit 4 points)	
TOTAL SCORE:	

Attachment A
SRF Sustainable Design Incentive Checklist
(50 Possible Total Points)

A. Energy Reduction/Alternative Source Items (13 Subtotal Points)

- ☐ 1. The design reduces the future carbon footprint (**5 points**)
- ☐ 2. Site planning for any new storage, pumping station or treatment plant provides that items such as heat sink shading, building orientation and green roofs are included in the design (**3 points**)
- ☐ 3. The design includes an energy reduction plan (from the Energy Audit) with at least a 20% reduction goal (**3 points**)
- ☐ 4. Project utilizes a SCADA system, which performs data collection and control at the supervisory level that is placed on top of a real-time control system (multiple Programmable Logic Controls (PLC's)) to reduce energy consumption and enhance process control (**1 point**)
- ☐ 5. Clean fuel construction vehicles are used for 50% of the construction work (**1 point**)

B. Wetland, Water Reuse and Reduction Items (15 Subtotal Points)

- ☐ 1. Project creates, restores or expands a wetland (**1-3 points**)
- ☐ 2. Storm water capture/rain harvesting utilization for water reuse on site to be implemented (**2 points** for a treatment plant and/or **3 points** for within collection system)
- ☐ 3. The project includes long-term clear water reduction components (**4 points**)
- ☐ 4. The treatment facility incorporates water conservation and side stream reduction (**3 points**)

C. Site and Material Reuse Items (17 Subtotal Points)

- ☐ 1. Previously disturbed areas are given a high priority for any new storage, pumping station or treatment plant site selection (**2 points**); use of a brownfield site (adds **2 points**)
- ☐ 2. The design takes into account the deconstruction of the new, above-ground facilities (**2 points**)
- ☐ 3. Offsite beneficial reuse of either the treated wastewater or biosolids (**2 points**); new treatment process that significantly reduces residuals disposal (**2 additional points**)
- ☐ 4. The project beneficially utilizes recycled materials in the construction (**2 points**)
- ☐ 5. The specifications include an incentive clause for construction waste reduction, cut/fill earth work balance (**2 points**)
- ☐ 6. Low-impact construction technology is utilized to minimize impacts to the existing surface (**3 points**)

D. Detailed life cycle costs (material, equipment, energy usage etc.) are fully utilized in the alternative selection process (5 points)

- ☐ Project selection is based on detailed life cycle cost analysis
- ☐ A life cycle cost analysis calculates the cost of a project over its entire life span and includes up-front capital costs (planning, design and construction), annual operation and maintenance costs, replacement costs, and salvage value as well as annual project revenues.

50 Total Possible Points

Awarded Points _____